

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	226	(415/173.3).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/08 09:05
S2	2	("2002/0192074").URPN.	USPAT	OR	ON	2007/11/08 10:06
S4	155	(415/173.5).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/08 10:32
S5	343	(415/174.2).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/08 12:04
S6	226	(415/173.6).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/08 12:48
S7	355	(415/174.5).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/08 12:48
S8	306	S7 not S4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/08 14:46
S9	133	(415/173.2).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/08 15:54
S10	310	(415/173.4).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/08 17:10
S11	28	("3879831"   "3966356"   "4080204"   "4433845"   "4662821"   "4867639"   "5188507"   "5196471"   "5314304"   "5434210"   "5456576"   "5704614"   "5749584"   "5927942"   "5971400"   "6012723"   "6027121"   "6105967"   "6131910"   "6340286").PN. OR ("6547522").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 16:50
S12	20	"4135851"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/08 16:50
S13	8	((("4135851") or ("5108116")) or ("5941685") or ("5961125")) or ("6431827") or ("6439844") or ("6536773")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/08 16:54
S14	2	((("5104287") or ("4576548"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/08 16:54

## EAST Search History

S15	15	("3395645"   "3529906"   "3552753"   "4328973"   "4385864").PN. OR ("4576548").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/08 17:02
S16	215	(415/174.4).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/09 07:38
S17	9951	seal and plunger and button	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/09 07:39
S18	2012	seal and (spring near2 plunger) and button	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/09 07:39
S19	9	seal with (spring near2 plunger) with button	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/09 07:41
S20	39	turbine and seal and (spring adj plunger)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/09 07:46
S21	1106	(277/412,413,415,418,419).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/09 07:50
S22	204	S21 and spring	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/09 07:50